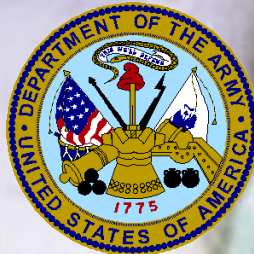


U.S. Army Materiel Systems Analysis Activity

Mr. John Thomas
410-278-6997
john.c.thomas1@us.army.mil

Mrs. Patricia Cook
410-278-0315
pat.cook@us.army.mil

WWW.AMSAA.ARMY.MIL

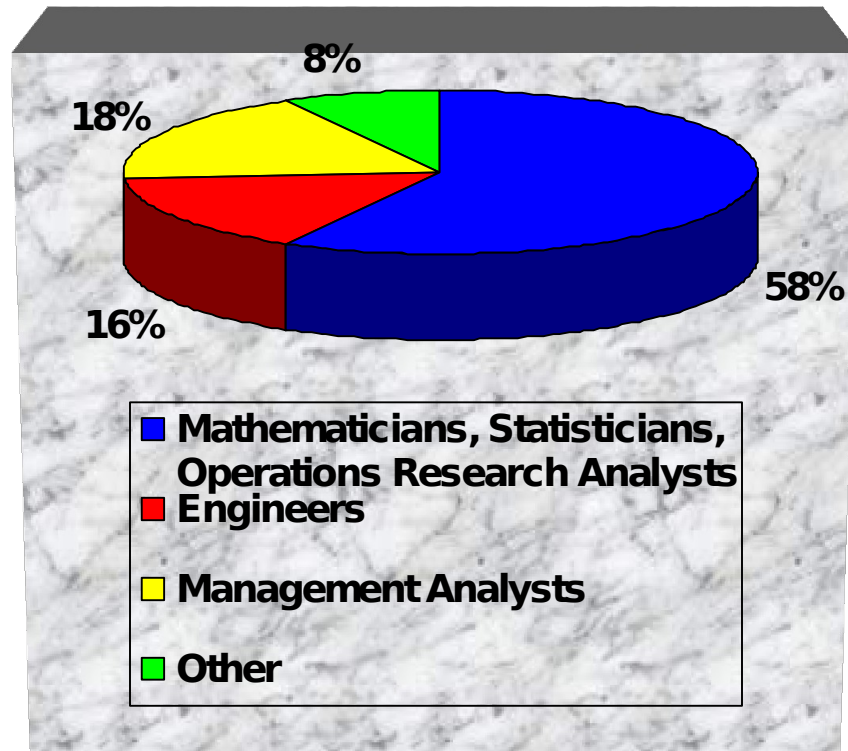


EXCELLENCE IN ANALYSIS

Distribution Statement: Approved for public release; distribution is unlimited.

AMSAA's Distribution of Skills

Skills of Technical Personnel



- Employees and applicants possess various undergraduate and graduate degrees.

Minimum Requirement: At least 24 semester hours in combination of Operations Research, Mathematics, Probability, Statistics, Math Logic, or Science. At least 3 of the 24 must be in Calculus.

AMSAA's Mission & Core Analytical

Mission Statement: The U.S. Army Materiel Systems Analysis Activity supports the Army decision-making process by providing materiel, logistics and industrial systems analyses, as well as business process, manpower and resource analyses.

- Core Analytical Functions -



Materiel Systems Analysis Acquisition & Technology Support

- Item and system level performance analysis
- Modeling and simulation
- Investment strategies analysis
- Product data management
- Production readiness
- Acquisition improvement & standards reform
- Value engineering

Striving for the proper balance

Logistics Systems Analysis

- Wholesale, retail, force projection and sustainment
- Logistics methodology

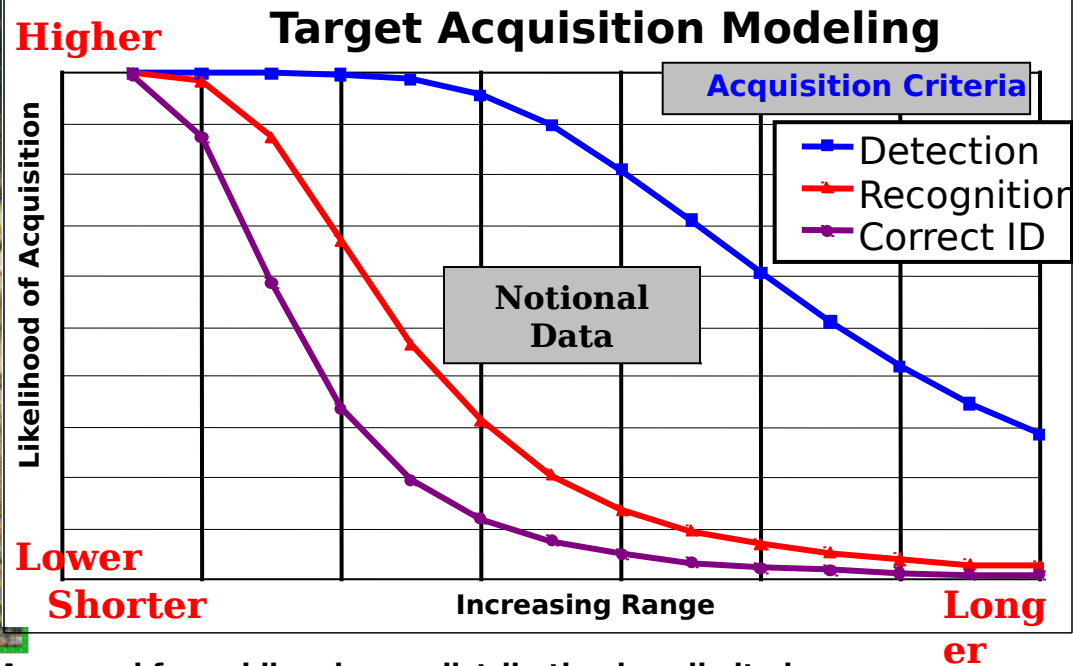
Management Engineering & Resource Analysis

- Cost analysis
- Resource analysis

Not to promote war, but preserve peace.

Example Analysis: Search & Target

**Methodology Improvement:
More Realistic
Play of STA in
Force-on-Force
Models**



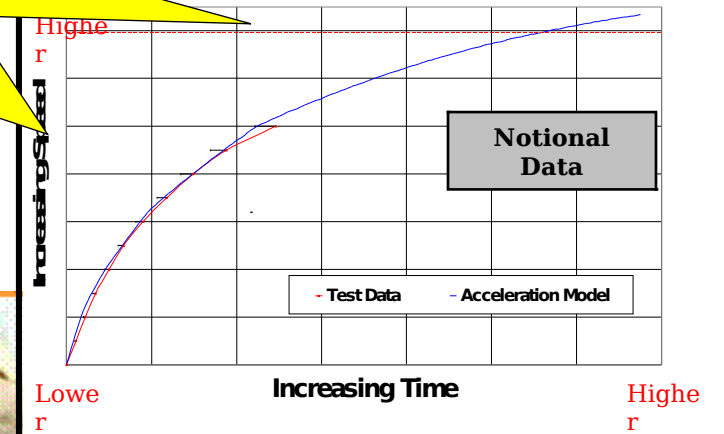
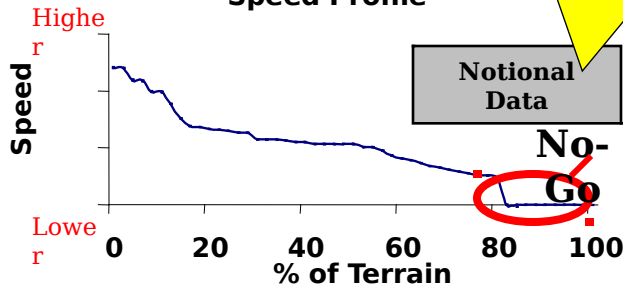
Example Analysis: Mobility and

**Item Level Modeling To
Analyze Performance and
Requirements**

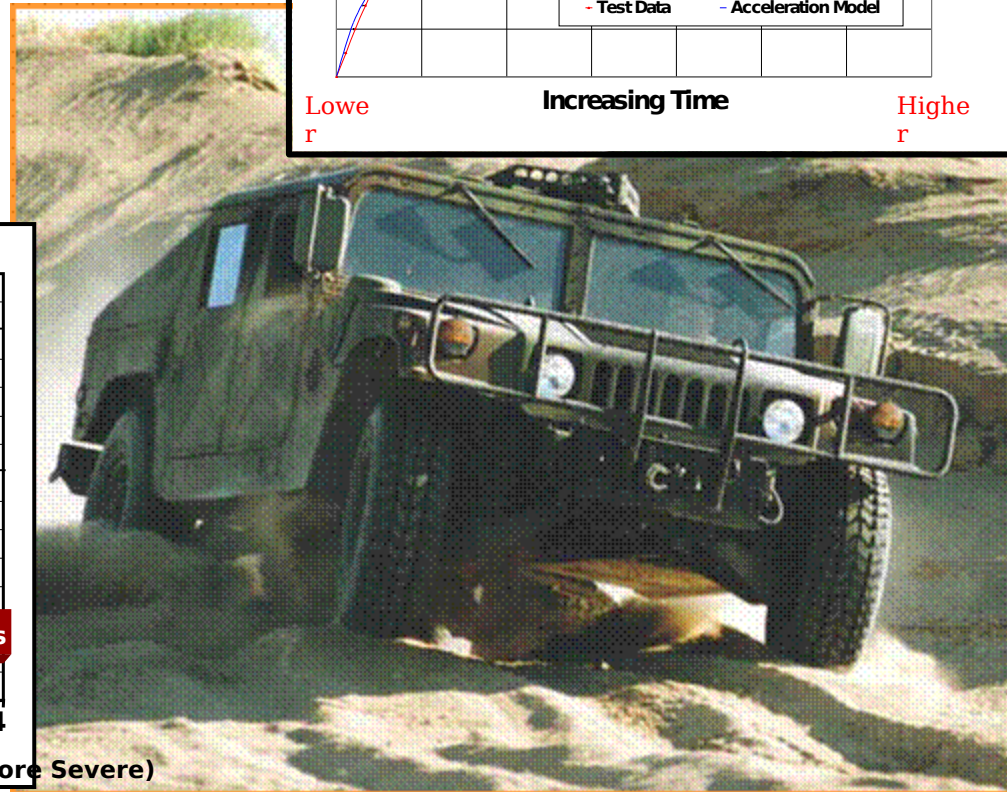
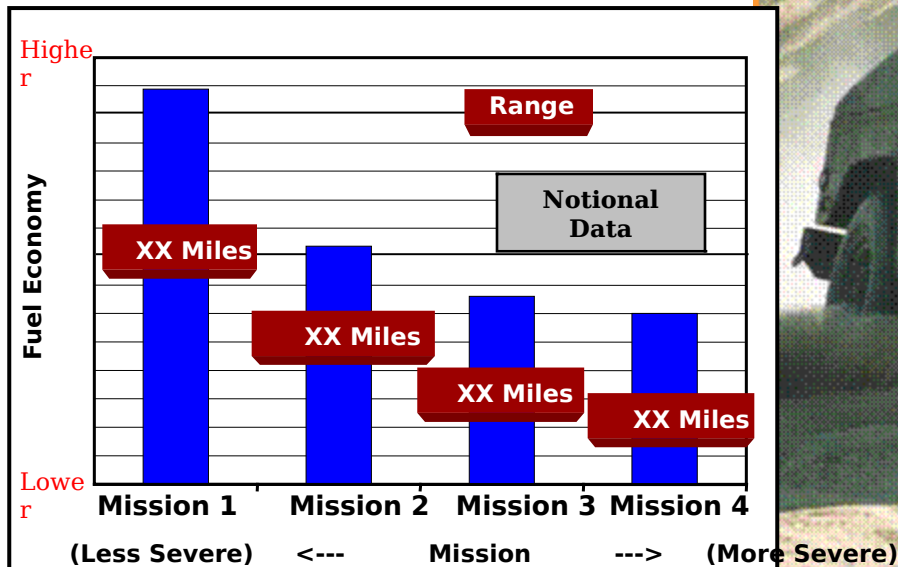
Acceleration

Terrain Traffic

Speed Profile



Fuel Consumption



Past System Involvement



HMMWV



M2A2



M1A1 (Abrams)



Apache



Comanc



FMT

Notional

Salary and Benefits

- **Salary**

- Start around \$35,000
- 6-12 months later
\$43,000
- 12 months later:
\$52,000
- 12-18 months later:
\$62,000

- **Journeyman analyst to \$62K**

- **Annual Leave**

- 0 - 3 years - 13 days per year
- 3-15 years - 20 days per year
- 15 + years - 26 days per year

- **Sick Leave**

- 13 days per year
- Includes caring for family members

- **Work Schedule**

- 80 hours every 2 weeks
- 3 day weekends every other week (every other Friday off)

- **Other flex time options**

- **Retirement**

- Includes pension, Social Security and TSP
- Agency automatically contributes 1% of basic pay
- First 3% employee contributes, agency matches
- Next 2%, agency matches half
- Next 5%, agency matches 25%

**Must Be
U.S.
Citizen**

Tuition Assistance and Continued Formal Training

- **Student Career Experience Program (for undergrads)**

- Work-study program with full-time work on the summer and winter breaks
- Some tuition paid for select courses
- Full-time employment upon graduation

- **Graduate Programs**

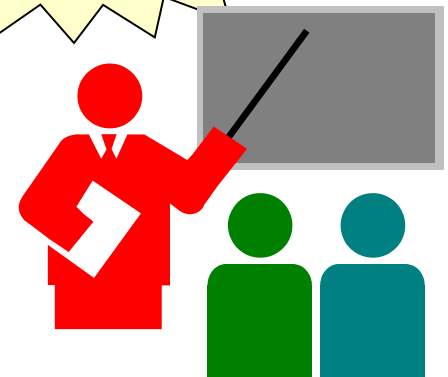
- Full tuition and book costs
- All employees expected to earn advanced degree
- Satellite programs available on APG
 - Central Michigan University
 - Florida Institute of Technology and others

- **Other Training**

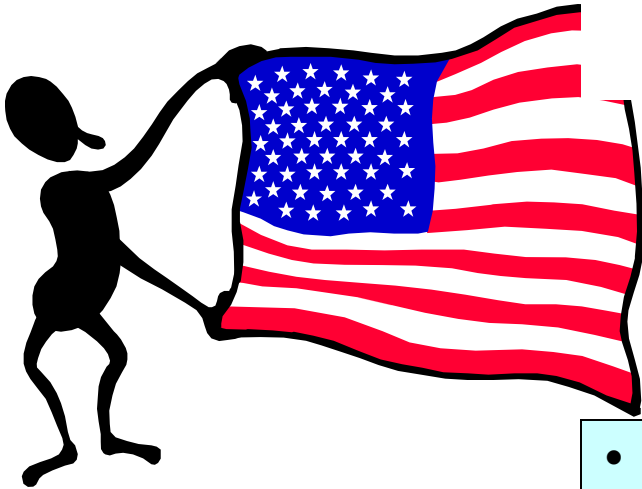
- Army Training
- Greening Programs
- Army Management Staff College
- Senior Service Colleges
- Developmental assignments and more



**Immediate,
Continuous Focus
on Career
Development**



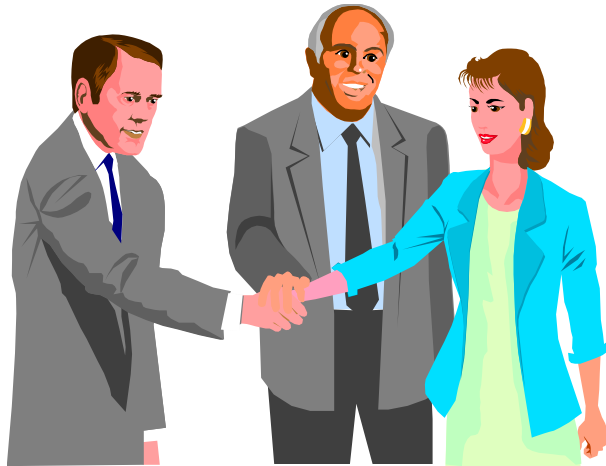
Other Benefits



- **Health Insurance**
 - Variety of fee-for-service (e.g. Blue Cross/Blue Shield) and HMO plans
 - Agency pays 72% of average premium
 - Self and family plans available
 - Annual “open season” to change plans
- **Life Insurance**
 - Discounted for you, your spouse and your children
- **Flex Spending Accounts**
- **Travel**
- **Services**
 - Free on-site exercise facility
 - Rent outdoor sporting goods

Opportunities for Community Involvement

***More Than Just
a Place to Work***

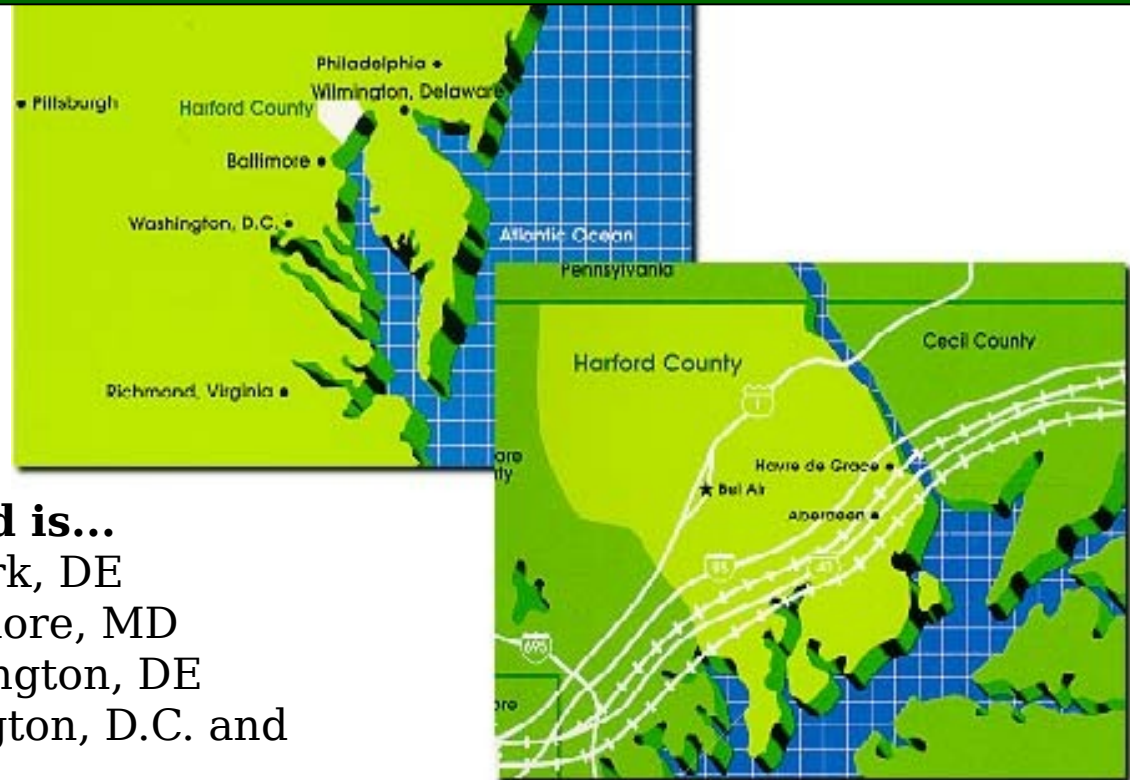


- ***Edgewood HS mentoring***
- ***Bring your child to work day***
- ***Christmas families***
- ***Black History programs***
- ***Federal Women's Program***
- ***Engineer for a day***
- ***Local science fairs***
- ***Earth Day***
- ***Women In Science & Engineering***
- ***APG installation recycling***
- ***APG Cultural Awareness Programs***
- ***APG energy conservation***



Aberdeen Proving Ground

The Army's oldest proving ground, established on October 20, 1917, six months after the United States entered World War I, to provide the military a facility where design and testing of ordnance materiel could be carried out in close proximity to the nation's industrial and shipping centers. The post officially opened on December 14, 1917, and the first gun was fired on January 2, 1918. Aberdeen Proving Ground occupies more than 72,500 acres in Harford County, Md



Aberdeen Proving Ground is...

- 40 minutes from Newark, DE
- 35 minutes from Baltimore, MD
- 50 minutes from Wilmington, DE
- 1.5 hours from Washington, D.C. and Philadelphia
- 3 hours from New York City